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FALL WATER SUPPLY SUMMARY FOR UTAH



U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES
-- DIVISION OF WATER RIGHTS

AS OF
OCT. 1, 1975

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

*Cover Photo: Cabins near Sacajawea Snow Course
in Bridger Mountains, Montana.*

SCS PHOTO 11-P480-15

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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In Cooperation with

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WATER SUPPLY OUTLOOK

SUMMARY

as of

OCTOBER 1, 1975

Utah's 1975 water supply ranged from "near average" on the Upper Sevier to better than three times average on Salina Creek according to provisional streamflow reports by the U. S. Geological Survey.

Late spring snow melt produced more flow than forecast in most cases even though summer precipitation was only average to as low as 20 percent of average. Total annual precipitation for mountain stations ranged from near average to 30 percent above average.

Fall reservoir storage (October 1, 1975) is about 16 percent above average (1958-72 15-Year Period) and 19 percent better than last year at this time. The 21 reservoirs, excluding Colorado River storage reservoirs, used in this analysis are now 81 percent of usable capacity indicating very good carry over for next years water supply.

The following table shows streamflow forecasts made last May 1 compared to provisional flows measured by the U. S. Geological Surveys, the Bureau of Reclamation, and Utah Power & Light Company.

<u>Station</u>	<u>Forecast Period</u>	<u>May 1 Forecast (1000 A. F.)</u>	<u>Measured Flow for the Period (1000 A. F.)</u>
<u>BEAR RIVER</u>			
Bear nr Woodruff	May-July	172	175
Bear nr Randolph	May-July	145	134
Bear nr Ut-Wyo. State Line	May-July	146	137
Logan nr Logan	May-July	127	133
Little Bear nr Paradise	May-June	46	45
Woodruff Ck nr Woodruff	May-July	20	20
Blacksmith Fk nr Hyrum	May-July	65	54
<u>WEBER-OGDEN RIVERS</u>			
Chalk Creek at Coalville	May-June	47	47
East Cyn. Creek nr Morgan	May-June	28	37
Lost Creek near Croydon	May-June	27	19
Pineview Reservoir Inflow	May-June	145	147
South Fk Ogden nr Huntsville	May-June	66	70
Weber nr Oakley	May-June	120	100
<u>PROVO RIVER & UTAH LAKE</u>			
American Fk nr American Fk	May-July	38	44
Provo nr Hailstone	May-July	124	146

WATER SUPPLY OUTLOOK (continued)

<u>Station</u>	<u>Forecast Period</u>	<u>May 1 Forecast (1000 A. F.)</u>	<u>Measured Flow for the Period (1000 A. F.)</u>
<u>JORDAN RIVER AND SALT LAKE</u>			
Big Cottonwood nr Salt Lake	May-July	44	48
Parley's Creek nr Salt Lake	May-July	19.5	16.2
<u>TOOELE VALLEY</u>			
Vernon Creek nr Vernon	May-July	0.8	0.6
<u>DUCHESNE RIVER</u>			
Ashley near Vernal	May-July	64	66
Flaming Gorge Inflow	Apr-July	1349	1635
Lakefork below Moon Lake	May-July	72	80
Rock Creek nr Mountain Home	May-July	107	127
Strawberry nr Duchesne	May-July	65	59
Uinta nr Neola	May-July	86	96
Whiterocks nr Whiterock	May-July	59	78
Yellowstone nr Altonah	May-July	67	89
<u>MUDDY CREEK</u>			
Muddy Creek nr Emery	May-July	27	23
<u>SAN RAFAEL RIVER</u>			
Ferron Creek nr Ferron	May-July	48	45
Huntington Ck nr Huntington	May-July	61	46
<u>UPPER COLORADO BASIN</u>			
Colorado nr Cisco, Utah	Apr-July	4753	4038
Green at Green River, Utah	Apr-July	3432	4082
Lake Powell Inflow	Apr-July	10495	10407
Mill Creek near Moab	May-July	8.0	5.4
<u>SEVIER RIVER</u>			
Clear Creek nr Sevier	May-July	16.5	26.1
Salina Creek at Salina	May-June	17.9	17.6
Sevier nr Gunnison	May-July	52	46
Sevier nr Hatch	May-July	48	32
Sevier nr Kingston	May-July	26	12.3
<u>BEAVER RIVER</u>			
Beaver near Beaver	May-July	29	17.2
<u>COAL CREEK</u>			
Coal Creek nr Cedar City	May-July	19.8	14.8
<u>VIRGIN RIVER</u>			
Santa Clara nr Pine Valley	May-June	5.1	3.8
Virgin nr Virgin	May-June	54	32

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

October 1, 1975

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	1217.4	1105.6	1040.0
	Woodruff Narrows	26.5	18.9	14.0	26.3
<u>Beaver River</u>	Minersville(RkyFd)	23.3	- -	3.1	14.0
<u>Little Bear</u>	Hyrum	15.3	9.1	6.2	14.2
	Porcupine	11.3	0.6	2.7	9.8
<u>Ogden River</u>	Causey	6.9	1.7	1.5	2.5
	Pineview	110.1	72.6	55.4	67.8
<u>Provo River</u>	Deer Creek	149.7	109.1	81.1	103.5
<u>Sevier River</u>	Gunnison	18.2	- -	4.4	13.7
	Otter Creek	52.5	28.4	18.1	37.5
	Piute	71.8	- -	5.3	43.8
	Sevier Bridge	236.0	99.8	100.6	114.1
<u>Spanish Fork</u>	Strawberry	270.0	231.6	201.9	129.3
<u>Utah Lake</u>	Utah Lake	883.9	816.3	608.1	667.7
<u>Weber River</u>	East Canyon	48.1	30.8	29.6	25.6
	Echo	73.9	42.8	23.8	53.9
	Lost Creek	20.0	12.5	11.8	11.3
	Rockport	60.9	57.5	48.7	30.5
	Willard Bay	193.3	156.4	161.2	161.7
COLORADO RIVER					
<u>Ashley Creek</u>	Steinaker	33.3	22.1	10.9	22.6
<u>Colorado River</u>	Blue Mesa	829.5	694.9	578.4	- -
	Lake Powell	25002.0	20202.0	18011.0	8370.8
<u>Green River</u>	Flaming Gorge	3749.0	3650.4	3582.0	1629.0
<u>Lake Fork</u>	Moon Lake	35.8	15.2	1.4	19.0
<u>Price River</u>	Scofield	65.8	43.7	32.2	34.4
<u>San Juan</u>	Navajo	1696.0	1392.2	1009.6	- -
<u>San Rafael</u>	Huntington North	3.9	2.3	0.0	3.3
	Joe's Valley	54.6	50.0	35.2	34.3
	Mill Site	16.7	- -	2.1	- -
<u>Strawberry</u>	Starvation	165.3	151.0	45.9	- -
<u>Uintah</u>	Bottle Hollow	11.3	10.7	9.2	- -

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UTAH PRECIPITATION DATA

1975 WATER YEAR

STATION NAME	OCT.-DEC.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL
B E A R R I V E R B A S I N									
BUG LAKE								10/23	33.13
BURTS-MILLER	12/27 3.95	1/30 1.77	2/28 1.03	3/29 2.01	4/30 2.48	5/27 2.75	7/01 3.37	9/24 3.34	20.70
CLARKSTON MTN		1/23 3.20	2/21 4.90					10/10	34.29
CURTIS CREEK		1/23 3.40	2/21 4.90					10/23	40.62
DEER SPRINGS								10/21	33.63
FRANKLIN BASIN								9/19	49.63
GARDEN CTV SMT	12/31 6.99	1/28 4.35	3/03 3.98	4/01 4.96	4/29 2.90	5/28 2.65	6/30 2.65	10/07 1.40	29.88
GEORGE PEAK									
GOLD HILL									
HAYDEN FORK	12/27 8.80	1/30 4.75	2/28 3.72	3/29 5.20	4/30 4.22	5/27 5.30	7/01 3.75	9/24 4.99	40.73
HILLS CANYON								10/10	47.02
HERD HOLLOW								10/11	27.58
KLONDIKE NARR								10/12	43.76
LILY LAKE									28.46
LITTLE BEAR UP								10/23	37.74
MONTE CRISTO	12/26 11.55	1/23 5.49	2/28 4.69	4/01 7.28	5/01 4.20	5/28 4.73	6/27 3.75	9/30 1.38	43.07
PARADISE CYN								10/23	35.87
SALT RIVER SMT	12/31 6.45	1/29 4.35	2/25 3.65	3/31 4.55	4/29 4.35	5/30 3.15	6/30 3.35	10/01 2.65	32.50
STILLWATER CMP	12/27 5.51	1/30 2.93	2/28 2.03	3/29 2.95	4/30 3.00	5/27 3.45	7/01 3.55	9/24 3.33	26.75
TONY GROVE LK		1/23 2.60	2/21 7.70	4/03 11.10					
TONY GROVE RS		1/23 2.00	2/21 4.30	4/03 3.20					
TRIGARA SPRING								10/12	23.66
WILLOW FLAT	12/30 13.16	1/28 4.20	3/03 5.45	4/01 7.50		5/30 18.06	6/27 3.50	9/30 2.20	35.95
									54.07
W E B E R - D G D F N R I V E R B A S I N S									
BEN LOMOND LOW	12/26 10.39	1/29 5.64	2/28 5.56	4/01 11.48	5/01 4.63	5/28 5.17	6/27 3.27	9/30 .95	47.09
BEN LOMOND PK				4/01 12.10					
CAUSEY DAM	12/26 6.26	1/29 2.58	2/28 2.45	4/01 4.60	5/01 2.60	5/28 2.79	6/27 3.04	9/30 .90	25.22
CHALK CREEK 1		1/23 2.40	2/21 3.10	*	*	*	*	*	44.70
CHALK CREEK 2	12/27 5.88	1/30 2.63	2/28 1.97	3/29 3.29	4/30 3.98	5/27 3.67	6/30 3.61	9/25 2.93	29.58
CHALK CREEK 3	12/26 10.59	1/29 4.82	2/28 4.47	4/01 7.24	5/01 4.29	5/28 3.63	6/30 3.58	9/30 2.84	27.96
DRY BREAD POND	12/31 17.51	1/29 5.50	2/28 5.77	3/28 9.65	4/30 7.88	6/05 14.05	6/30 3.75	10/01 1.34	41.46
FARMINGTON GS	12/31 17.60	1/29 4.84	2/28 5.00	3/28 8.90	4/30 8.20	6/05 13.01	6/30 3.51	10/01 1.56	65.45
FARMINGTON (L)									62.62
FARMINGTON UP	12/31 12.30	1/31 7.20	2/28 9.60						
FRANCIS CANYON		1/23 2.20	2/21 3.60	4/03 4.30					

NOTE: BLANK SPACES INDICATE NO READING TAKEN, NEXT READING IS CUMULATIVE (EXCEPT AS NOTED *)
 *: GAGE MOLESTED, DATA FOR THIS PERIOD LOST **:Estimated

U T A H P R E C I P I T A T I O N D A T A

1975 WATER YEAR

STATION NAME	OCT.-DEC.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL
GUILDERS PEAK		1/23 3.20	2/21 3.90	4/01 6.20				10/21	31.44
HARDSCRABBLE		1/23 3.90	2/21 6.50						
HORSE RIDGE	12/26 11.40	1/31 5.45	2/26 4.71	4/01 6.78	5/01 4.09	5/28 4.65			
LOST CREEK	12/26 5.55	1/29 2.11	2/26 1.89	4/01 3.33	5/01 1.54	5/29 2.16			
MAGPIE		1/23 3.30	2/21 4.10	4/01 6.00					
MIDDLE FK NGON		1/23 4.10	2/21 7.30	4/01 9.50					
PARLEY CYN SMT	12/30 12.42	1/29 4.99	2/28 5.00	3/28 6.72	4/29 4.56	5/29 6.55	7/03 2.75	10/05 1.70	37.95
PORCUPINE									
REDDEN MINE UP	12/27 10.93	1/30 4.70	2/28 4.31	3/29 6.20	4/30 5.76	5/29 5.65	7/02 3.92	9/25 3.11	44.58
SAGERUSH FLAT	12/26 6.81	1/29 2.91	2/26 3.01	4/01 4.69	5/01 2.86	5/28 2.35	6/27 3.10	8/25 1.19	26.92
SARGEANT LAKES									
SHINGL MIL FLT		1/23 4.50	2/21 5.70						
SM MOREHOUSE	12/26 6.64	1/29 2.99	2/28 4.07	3/25 4.08	4/28 5.05	5/28 5.41	6/30 3.47	9/23 4.47	36.18

U T A H L A K E - J O R D A N R I V E R B A S I N

BEAVER DIVIDE									
CLEAR CR RDC 2	12/24 5.40	1/28 4.70	2/25 2.00	3/25 3.60	4/28 1.99	5/28 5.30	7/01 1.65	9/16 3.70	40.92
DANIEL-STR SMT	12/26 7.49	1/29 4.08	2/25 3.32	3/26 4.70	4/28 2.77	5/28 3.95	7/01 2.10	9/22 3.11	28.34
DESERT PEAK		1/23 3.50	2/21 5.10	4/03 10.20					31.52
DUTCHMAN RS	12/31 10.00	1/30 5.25	2/27 4.80	3/27 7.20	4/30 4.40	5/30 5.05	7/02 1.65	* 3.55	41.90
EAST PORTAL	12/31 6.56	1/31 4.49	2/27 3.34	4/06 4.06	4/30 3.12	5/31 4.93	7/01 2.08	10/01 2.12	30.70
HOBBLE CR SMT	12/30 7.40	1/29 4.40	2/26 3.10	3/26 5.10	4/29 3.35	5/29 5.30	7/01 2.35	9/30 1.15	32.15
LAKE CREEK								9/22 3.20	37.12
LAMPS CANYON	12/30 9.24	1/29 4.89		3/31 7.85	4/29 3.57	5/28 2.80	6/30 3.95	9/29 5.30	28.60
MIDDLE CYN		1/29 1.50	3/01 3.00	4/01 8.00	4/24 4.90	5/27 4.20	7/01 1.60	9/29 2.20	49.79
PAYSUN RS	12/23 6.50		2/24 5.80	3/24 3.40	5/01 12.36	6/27 9.69	9/27 3.10	9/27 3.10	28.60
ROCKY BASINSC									
SOAPSTONE RS	12/27 7.65	1/30 3.97	2/28 3.35	3/29 3.42	4/30 3.42	5/28 5.10	7/01 2.83	9/24 4.83	34.57
TIMPANOGOS DIV	12/31 10.05	1/31 5.90	2/28 5.90	3/25 8.90	4/28 5.60	5/28 4.80	6/30 3.95	9/30 4.35	49.45
TRIAL LAKE	12/27 10.17	1/30 5.35	2/28 4.65	3/29 6.58	4/30 3.73	5/29 5.90	7/01 3.72	9/24 6.55	46.65
VERNON CREEK	12/30 7.63	1/29 2.00	2/23 2.50	4/01 4.50	5/03 3.10	5/28 5.85	6/30 2.53	9/29 2.02	30.13

D U C H E S N E - G R E E N R I V E R B A S I N

ASHLEY TWIN LK									
ATWOOD BASIN									
BLACKS FK JCT	12/27 4.73	1/30 2.62	2/28 0.65	3/29 2.27	4/30 2.98	5/27 3.75	7/02 4.08	9/24 3.77	43.29
BROWN DUCK RUG						5/28 18.68			23.30
BUCK PASTURE						5/27 28.76			24.85
								9/24 13.16	41.92

NOTE: BLANK SPACES INDICATE NO READING TAKEN, NEXT READING IS CUMULATIVE(EXCEPT AS NOTED *)
 *: GAGE MOLESTED, DATA FOR THIS PERIOD LOST **ESTIMATED

UTAH PRECIPITATION DATA

1975 WATER YEAR

STATION NAME	OCT.-DEC.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL
BURNT CREEK	12/18 37.1	2/26 2.70	3/20 1.48	4/24 4.67	5/22 7.25	6/25 5.26	6/25 5.26	9/25 3.15	28.22
CHEPETA WTRCK								10/03	36.84
CURRENT CREEK	12/24 6.10	2/03 3.65	2/25 2.05	3/26 3.70	4/21 1.45	5/22 3.95	7/01 2.60	9/22 3.52	27.02
E FK BLACKS FK	12/27 5.54	1/30 3.11	2/28 1.60	3/29 2.39	4/30 3.28	5/27 4.35	7/02 4.86	9/24 4.65	29.78
FIVE POINT LK								9/26	38.72
GRIZZLY RIDGE	12/18 4.31	1/28 2.35	2/19 0.80	3/19 1.80	4/23 4.95	5/27 7.86	6/25 4.90	9/25 4.33	31.30
HENRY'S FORK									
HICKERSON PARK	12/18 4.08		2/21 2.80	3/20 1.60	4/24 3.63		6/25 12.99	9/25 3.55	28.65
HEWINTA GS	12/27 5.56	1/30 3.09	2/28 0.61	3/29 2.40	4/30 3.82	5/27 4.82	7/02 4.41	9/24 4.36	29.07
HIGHLINE TRAIL	12/17 4.90		2/20 2.45	3/21 4.10	4/22 7.30			8/27 26.47	45.22
INDIAN CANYON	12/24 6.45	2/03 2.05	2/25 3.20	3/25 3.75	4/21 2.80	5/23 3.70	6/23 4.02	9/30 2.45	28.42
JACKSON PARK	*	*				5/29 15.11			*
KIDNEY LAKES								9/09	31.75
KINGS CABIN UP	12/19 5.35		2/19 3.10	3/19 1.40	4/23 4.05	5/22 7.06	6/25 4.41	9/25 3.57	28.94
LAKE BASIN				3/31 19.90	4/30 3.26	5/29 4.57		9/29 8.96	36.69
LAKEFORK BASIN								9/25	45.58
LAKEFORK MTN	12/31 7.27	1/31 2.65	2/27 2.13	3/26 4.65	4/29 1.80	5/27 4.32	6/23 3.87	9/26 5.35	32.04
LIGHTNING LAKE								9/22	46.19
MOSBY MOUNTAIN	12/20 7.05	1/30 1.65	2/24 1.80	3/24 2.65	4/25 4.50	5/28 5.60	6/24 5.15	9/29 4.33	32.73
REYNOLDS PARK	12/30 6.21			3/31 9.35	4/30 0.83	5/29 4.27	6/23 2.35	9/29 39.65	27.31
ROCK CREEK								9/24 4.30	38.55
SHADOW LAKE							6/24 15.19	* 6 30	41.21
SPIRIT LAKE	12/18 5.96		2/21 4.70	3/20 2.46	4/24 6.60			9/24	31.96
STEEL CRK PARK							6/26 2.86	8/27 5.85	29.51
TROUT CREEK	12/17 2.40		2/20 2.65	3/21 2.40	4/22 4.30	5/29 9.05		8/27	29.17
WINDY PARK							7/03 32.27	9/22 3.70	35.97
W FK DUCHESNE									

P R I C E - S A N R A F A E L - F R E M O N T R I V E R B A S I N S

BLACKS FLAT UM	12/23 5.14		2/25 5.38	3/24 2.91	4/24 3.90	5/27 2.28		9/29 6.10	25.71
BUCKBOARD FLAT	12/24 9.40		2/26 6.72	3/25 4.25	4/29 6.30	5/28 2.45	6/27 1.20	9/23 5.65	35.97
BUCK FLAT	12/26 8.85	1/28 4.15	2/25 4.05	3/26 4.30	4/25 3.45	5/28 4.00	6/26 1.80	9/29 2.90	33.50
CAMP JACKSON	12/24 9.90		2/26 6.55	3/25 3.85	4/29 4.85	5/28 1.65	6/30 1.20	9/23 5.40	33.40
DILLS CAMP	1/03 6.20		2/24 6.35	4/02 5.20			6/26 6.65	9/29 2.80	27.20
FISH LAKE	12/23 4.04		2/25 4.71	3/24 2.18	4/24 2.70	5/27 1.54		9/29 5.93	21.10
GOOSEBERRY RES	12/30 8.30	1/30 5.00	2/27 4.00	3/27 5.35	4/29 4.45	5/28 5.15	6/27 1.80	9/29 4.05	38.10
LASAL MTN UP	12/24 5.25		2/27 4.80	3/31 5.40	4/30 3.90	5/30 3.45	6/27 1.90	9/26 8.25	32.95
MUD CREEK	12/31 6.06	1/30 3.17	2/28 3.48	3/28 4.25	4/30 2.50	5/28 4.30	6/27 1.50	9/22 3.35	28.61
ORANGE OLSEN	1/02 4.75	1/31 1.45	2/26 1.40	4/03 2.05	4/28 1.00	5/27 1.55	* 1 24	9/26 4.15	17.59
RED PINE PIDGE	1/02 10.10	1/31 5.10	2/26 3.30	4/03 5.95	4/28 2.85		6/27 7.35	9/26 1.35	36.00

NOTE: PLANK SPACES INDICATE NO READING TAKEN, NEXT READING IS CUMULATIVE (EXCEPT AS NOTED *)
 *: GAGE MULESTED, DATA FOR THIS PERIOD LOST **ESTIMATED

UTAH PRECIPITATION DATA

1975 WATER YEAR

STATION NAME	UCT.-DEC.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL
STUART RS OLD	1/06 6.70			4/04 6.55	4/28 1.75	5/29 2.90	6/27 1.80	9/27 3.70	23.40
WHITE RIVER J	1/07 7.26	1/29 2.05	2/27 3.10	3/31 4.35	4/29 1.60	5/30 4.55	6/23 2.10	9/22 3.55	28.56
SEVIER - BEAVER RIVER BASINS									
BEAVER DAMS	12/27 6.20		2/26 6.50	3/26 3.15	4/28 4.05	5/29 2.85	6/30 1.95	9/30 2.65	27.35
BIG FLAT	12/20 5.12	1/28 3.24	2/24 2.60	3/24 4.30	4/23 4.85	5/30 2.57	* #	9/25 7.44	30.56
BOX CREEK	12/24 5.09		2/26 5.69	3/26 5.10	4/25 3.50			9/29 8.70	28.08
CASTLE VALLEY	12/30 5.19		2/27 5.29	3/28 5.60	5/02 3.94	5/28 2.37	6/30 .48	10/15 6.78	29.65
DUCK CREEK RS	12/27 5.70	1/30 2.40	2/26 2.90	3/27 6.95	4/26 3.40	5/29 3.00	6/26 .35	9/30 6.40	31.10
FARNSWORTH LK	12/27 7.00	1/29 3.50	2/25 4.35	3/24 5.20	4/23 6.80	5/23 3.20	6/30 1.90	9/26 2.60	34.55
GBRC HEADQTRS	12/31 7.75	1/31 3.10	2/28 2.60	3/28 6.00	4/30 4.75	5/30 4.50	7/02 2.70	9/30 1.45	32.85
GBRC MAJORS	12/31 3.87	1/31 1.60	2/28 1.20	3/28 4.00	4/30 2.90	5/30 2.85	7/02 2.00	9/30 3.03	21.45
GBRC MEADOWS	12/31 10.18	1/31 4.05	2/28 3.60	3/28 6.50	4/30 5.75	5/30 4.05	7/02 3.65	9/30 2.05	39.83
GBRC OAKS	12/31 5.18	1/31 2.10	2/28 1.55	3/28 4.45	4/30 3.25	5/30 3.25	7/02 2.10	9/30 2.40	24.28
GOOSEBERRY RS	12/26 4.95	1/29 2.50	2/25 2.20	3/24 3.80	4/23 5.25	3/23 2.40	6/30 2.45	9/26 2.20	25.75
HJ-TOP MTN							7/10 30.95	10/20 4.80	35.75
KIMBERLY MINE	12/19 3.35	1/27 2.65	2/21 4.50	3/21 5.00	4/22 7.84	5/29 3.98	6/25 1.84	9/25 5.68	34.84
MAMMOTH RS	12/30 8.25	1/30 4.80	2/27 4.20	3/27 5.60	4/29 4.70	5/28 4.50	6/27 1.80	9/29 3.30	37.15
MERCHANT VALLEY	12/20 4.56	1/28 2.87	2/24 2.18	3/24 3.69	4/22 3.97	5/30 2.31	6/25 .64	9/25 3.83	24.55
MIDWAY VALLEY	12/27 7.70	1/30 2.30	2/26 3.60	3/27 8.60	4/26 6.00	5/29 4.70	6/26 .20	9/30 6.22	39.32
MT BALDY RS	12/27 8.05		2/26 7.15	3/26 4.55	4/28 5.20	5/29 3.35	6/30 2.15	9/30 3.80	34.25
OAK CREEK				3/20 10.76	4/30 10.64	5/29 5.39	6/30 1.62	9/26 5.30	33.71
PANGUITCH LAKE	12/30 3.10		2/27 2.48	3/28 2.45	5/02 2.37	5/28 1.68	6/30 .33	10/16 4.95	17.36
PICKLE KEG SPR	12/20 7.38				4/24 7.00			10/21 30.16	30.16
PINE CREEK	12/31 8.50		2/27 6.99	3/21 6.01	4/29 9.44	5/30 4.64	6/30 1.53	9/30 3.65	40.76
REES FLAT			2/24 10.10	3/20 2.20			6/27 10.45	9/29 1.65	24.40
SHINGLE MTL	12/31 5.48	2/03 2.25	2/27 2.26	3/21 3.82	4/29 6.03	5/30 4.38	6/30 1.55	9/30 1.50	27.27
WIDTSOE RS	12/27 2.85	1/30 0.51	2/26 1.03	3/27 1.32	4/30 1.37	5/28 0.53			
COAL CREEK - VIRGIN - ESCALANTE RIVER BASINS									
KOLOR CRYSTAL	12/31 8.75		2/27 3.85	4/03 6.05	4/28 3.75	5/27 3.00	7/01 .10	10/16 3.80	28.91
LITTLE GRASSY	12/30 6.80		2/27 4.80	4/03 6.00	5/01 0.90	5/30 2.00	9/29 .20	9/29 3.80	23.50
LONG FLAT	12/30 5.70		2/27 3.30	3/25 3.60	4/30 2.05	5/28 2.15	6/30 .52	9/26 4.25	25.15
TALL POLES	12/26 5.50	1/29 2.45	2/25 3.30	3/25 3.60	4/24 6.05	5/29 2.80	6/26 .85	9/30 8.68	32.90
WEBSTER FLAT	12/27 8.20	1/30 2.45	2/26 3.75	3/28 9.55	4/26 6.10	5/27 2.05	6/26 .58	9/30 7.95	40.90
WIDTSOE-ESCL 3	12/27 5.92	1/30 2.17	2/26 2.37	3/27 3.71	4/30 4.24	5/30 1.62	6/30 .26		
YANKEE RES	12/26 4.40		2/25 5.05	3/25 2.40	4/24 5.80	5/29 2.70	6/26 .26	9/30 6.90	27.51

NOTE: BLANK SPACES INDICATE NO READING TAKEN, NEXT READING IS CUMULATIVE (EXCEPT AS NOTED *)
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INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
GREAT BASIN DRAINAGE													
UPPER BEAR RIVER (above Harer, Idaho)													
10G11	W	Big Park	7	27N	17W	8,700	11J18P	U	Timpanogas Cave Camp	27	4S	2E	5,500
10G12	W	Burt's-Willer Ranch	9	29N	18W	7,500	11J21P	U	Timpanogas Divide	33	4S	3E	8,140
10G13	W	CCC Camp x	11	1N	9E	10,000	10J8P	U	Trial Lake	5	2S	9E	9,800
10J36P	U	Hayden Fork	25	1N	9E	9,400							
10G12	W	Kelly Ranger Station	13	30N	18W	8,200	11J46Sp	U	Beaver Creek Divide	25	2S	7E	8,000
10G17S	W	Laborgue Guard Station x	7	30N	18W	8,200	12J15P	U	Beaver's Cabin	25	2S	7E	8,000
10G18	W	Lily Lake	34	1N	9E	9,400	12J15P	U	Beaver's Cabin	25	2S	7E	8,000
10G19	W	Phelan's R.S.	18	1N	9E	8,800	12J15P	U	Beaver's Cabin	25	2S	7E	8,000
10G10	W	Phelan's R.S.	19	29N	14W	8,800	11J41P	U	Lamb's Canyon #2	21	1S	3E	7,400
10G6P	W	Poison Meadows x	29	30N	16W	8,500	12J3P	U	Middle Canyon	8	4S	3W	7,000
10G8P	W	Salt River Summit x	32	30N	18W	7,900	11J44	U	Middle Creek	32	1S	3E	6,500
10G13MP	W	Snyder Basin x	35	29N	15W	8,400	11J10	U	Mill D South Fork	18	2S	3E	7,400
10J37P	U	Strillwater Camp	12	29N	10E	8,550	12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
							12J1P	U	Sliver Lake (Brighton)	35	2S	3E	8,725
							11J42	U	Stow Bird (Road Valley)	25	2S	3E	7,500
							12J2P	U	Vernon Creek	21	10S	5W	7,500
LOWER BEAR RIVER (below Harer, Idaho)													
11H37P	U	Bug Lake	18	11N	5E	7,950							
11H36P	U	Bunchgrass	5	13N	3E	8,400	12J4P	U	Box Creek	33	26S	3W	9,800
11G11	U	Cinnamon Creek	27	13S	41E	5,600	12M8	U	Box Creek	33	26S	3W	9,800
11H38P	U	Cinnamon Creek	8	13N	2W	4,300	12M9	U	Box Creek	33	26S	3W	9,800
11H39P	U	Cinnamon Creek	29	15S	41E	5,400	12M13P	U	Castle Valley	23	36S	8W	9,700
11G12	U	Curtis Creek	12	10N	4E	8,450	12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
11H33P	U	Curtis Creek	12	10N	4E	8,450	12M18	U	Farview	32	37S	4W	8,200
11H39P	U	Deer Springs	34	10N	4E	8,400	12M18	U	Harris Flat	24	38S	7W	7,700
11G14P	U	Dry Basin	30	13S	42E	7,900	12M5	U	High-Top Mountain	36	25S	1E	11,400
12G12G	U	Dry Creek Flat	31	13S	37E	6,350	11L9P	U	Kimberly Mine	11	27S	5W	9,300
11G16	U	Ensign Canyon (mouth)	21	12S	42E	7,350	12L6P	U	Midway Valley	26	37S	5W	9,800
11G17MP	U	Ensign Canyon (mouth)	21	12S	42E	7,350	12M4P	U	Midway Valley	26	37S	5W	9,800
11H34P	U	Franklin Basin	14	14N	4E	6,500	12M5	U	Midway Valley	26	37S	5W	9,800
11H35P	U	Garden Park	34 & 35	14N	4E	7,400	12M19	U	Midway Valley	26	37S	5W	9,800
13H45P	U	Garden Park	34 & 35	14N	4E	7,400	12L5	U	Squaw Springs	29	37S	2W	9,300
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400	11M4P	U	Widmore R.S.	22	34S	2W	7,600
11H40P	U	Hall Canyon	4	13N	4W	6,400							

Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture
Soil Conservation Service
Forest Service
U.S. Department of Commerce
NOAA, National Weather Service
U.S. Department of Interior
Bureau of Reclamation
Geological Survey
National Park Service

STATE AGENCIES

Utah State University
Utah Fish and Game Department
Utah State Department of Natural
Resources, Division of Water Rights
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner

MUNICIPALITIES

Manti
Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

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